

Wazer Waterjet

Desktop Waterjet Cutter



WATERJET

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CHAT TO THE TEAM



Compact design



Clean, safe and easy to operate



Cuts almost any material – hard or soft

Complete CNC milling and turning package for education

The Wazer is the world's first true desktop waterjet cutter- fully enclosed, compact and easy to operate, making it ideal for any school, college or workshop environment. Available as a standalone desktop unit or with an integrated stand, it delivers clean, quiet and safe cutting performance while fitting easily into tight spaces.



Key Benefits:

- › Cuts almost any hard or soft material: steel, titanium, aluminium, glass, stone, tiles, carbon fibre and more
- › Produces intricate detail and smooth, high-quality finishes
- › No ventilation required and no heat-affected zones
- › Compact, fully enclosed design for maximum classroom safety
- › Easy to operate, suitable for learners at all levels

AVAILABLE FROM DENFORD:
EXCLUSIVE UK EDUCATIONAL DISTRIBUTOR

Technical information

Equipment as standard

- › Wazer Desktop: Wazer & Pump Box
- › Wazer Standup: Wazer & Pump Box & Stand
- › 1 x Wazer Replacement Cut Bed
- › 2 x 25kg Abrasive Buckets
- › 12 Month Warranty
- › WAM Software

Replacements

- › Replacement Cut Beds - 3 Pack
- › Replacement Nozzle
- › 25Kg Bag 80 Mesh Fine Garnet

Important

- › Must be plumbed into a water supply and situated near a drain



Quick & easy set up

The Wazer is easy to set-up and use, following the instruction guide and on-line videos – you just need a standard power socket, water supply and the recommended abrasive.

With the purchase of a Wazer, you will receive access to the Wazer Learning Portal, which contains information on every aspect of the machine: from basic set-up and use, to information on materials, trouble-shooting and much more.

Compatible Files: .svg or .dxf files
Connectivity: SD Card
Operating Systems: Windows/Mac

Mechanical details

Main Unit Size	856 x 648 x 551mm	33.7 x 25.5 x 21.7in
Main Unit Size (With Stand)	856 x 648 x 1220mm	33.7 x 25.5 x 48.0in
Main Unit Empty Weight	50kg	110lb
Main Unit Loaded Weight	180kg	397lb
Pump Box Size	533 x 355 x 280mm	21.0 x 14.0 x 11.0in
Pump Box Weight	42kg	92.6lb
Main Unit Power	220-240V/ 50Hz/ 2.5A	220-240V/ 50Hz/ 2.5A
Pump Box Power	220-240V/ 50Hz/ 10A	220-240V/ 50Hz/ 10A
Cutting Area	305 x 460mm	12.0 x 18.1in
Bed Size	330 x 485mm	13.0 x 19.1in
Kerf (Width of cut)	1.2mm	0.047inch
Water Source	Filtered tap water	Filtered tap water
Input Water Filter	~300 Mesh	~300 Mesh
Input Water Requirement	> 3.8L/ min; > 35psi (2.4 Bar)	1.0gal/ min; > 35psi (2.4 Bar)
Water/ Draining	180mg/ L; 130 °F/ 54 °C	180mg/ L; 130 °F/ 54 °C
Draining Hose Requirement	1.9L/ min; < 9m length; < 1.2m elevation	0.5gal/ min; < 29.5ft length; < 3.9ft elevation
Water Recirculation	Not recommended	Not recommended
Abrasive Flow Rate	40g - 150g/ min	0.088 - 0.331lb/ min
Abrasive Capacity	13.5kg	29.8lb
Abrasive Type	Premium 80 Mesh fine garnet abrasive	Premium 80 Mesh fine garnet abrasive
Noise Emission	74 +/- 3dB	74 +/- 3dB